

Abstract of the Disclosure

A method of producing polyamide nanocomposites from partially crystalline polyamides and organically modified layered silicates in a double screw extruder is disclosed, a first part of the polyamides being dosed into the extruder intake and melted and the organically modified layered silicate being admixed with the melt of the polyamides and then a second part of the polyamides being added to the mixture. The method according to the present invention is distinguished in that the resulting melt is subjected to filtration. Injection molded parts and vehicle driving illuminator reflectors made of the polyamide nanocomposite molding compound produced according to the present invention are also disclosed.